

Quadratics

- Roots } find
- vertex }
- completing the square
- Application Problem

Imaginary Numbers

- basic arithmetic (+, -, \div , \times)
- conjugate pairs
- imaginary zeros

Higher Degree Polynomials

- Sketching graphs
 - multiplicity
 - even/odd degree
 - Leading coefficient
- Finding zeros/factors
 - Rational Zero Test
 - Upper/lower bound
 - division
 - synthetic
 - long
- Application Prob.

HW

- Finish Stations
- Quad App. #2
- p. 169 #4, 6, 9, 37, 39, 91-94

Test

Quadratics!

- Find roots, vertex
- Application problems

Polynomials

- Sketching graphs
- Finding zeros
- Rational zero test
- imaginary #'s
- Division - synthetic, long
- bounds